

FORM
5

Rev
09/14

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400917754

Date Received:

10/14/2015

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type Final completion Preliminary completion

OGCC Operator Number: 10439 Contact Name: Madelon Raney
Name of Operator: CARRIZO NIOBRARA LLC Phone: (713) 358-6218
Address: 500 DALLAS STREET #2300 Fax:
City: HOUSTON State: TX Zip: 77002

API Number 05-123-41038-00 County: WELD
Well Name: SHULL Well Number: 5-25-9-60
Location: QtrQtr: SWSE Section: 25 Township: 9N Range: 60W Meridian: 6
Footage at surface: Distance: 265 feet Direction: FSL Distance: 1554 feet Direction: FEL
As Drilled Latitude: 40.714690 As Drilled Longitude: -104.035940

GPS Data:
Date of Measurement: 12/17/2014 PDOP Reading: 3.0 GPS Instrument Operator's Name: Gary Algien

** If directional footage at Top of Prod. Zone Dist.: 446 feet Direction: FSL Dist.: 433 feet Direction: FEL
Sec: 25 Twp: 9N Rng: 60W

** If directional footage at Bottom Hole Dist.: 351 feet Direction: FNL Dist.: 355 feet Direction: FEL
Sec: 25 Twp: 9N Rng: 60W

Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 02/04/2015 Date TD: 02/11/2015 Date Casing Set or D&A: 02/13/2015
Rig Release Date: 02/13/2015 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 11037 TVD** 6045 Plug Back Total Depth MD 10962 TVD** 6046

Elevations GR 4887 KB 4904 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
MWD, CBL

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	24	16	36.9	0	60	6	0	60	VISU
SURF	12+1/4	9+5/8	36	0	1,439	549	0	1,439	VISU
1ST	8+3/4	7	23	0	6,451	471	1,130	6,451	CBL
2ND	6+1/8	4+1/2	11.6	0	11,011				

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PIERRE	521	6,310	NO	NO	ESTIMATED ONLY
PARKMAN	3,450	3,872	NO	NO	ESTIMATED ONLY
SUSSEX	4,053	4,263	NO	NO	ESTIMATED ONLY
SHARON SPRINGS	6,116	6,310	NO	NO	
NIOBRARA	6,310				

Operator Comments

TPZ footages are estimated, well not yet completed. Form 5A will include actual TPZ footages.

Open Hole Log was not ran on this well.

WELL DRILLED TO TD, LINER SET. WELL NOT YET FRAC'D. WELL SHUT IN PENDING COMMODITY PRICING.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Madelon Raney

Title: Regulatory Compl. Analyst Date: 10/14/2015 Email: madelon.raney@crzo.net

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400917798	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400917796	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
400917754	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400917784	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400917787	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400917788	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400917805	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<ul style="list-style-type: none"> • Revised PBTD per operator information. • Revised BHL footages per final directional survey. • Added comment to Submit tab regarding estimated TPZ footages as this well is not yet completed. • Revised the SHL footages to match the permitted SHL. • Removed the Niobrara Formation MD bottom, non-sensical. 	7/25/2016 10:37:08 AM
Engineering Tech	Casing set date corrected as per operator. CBL las log received via sundry 401037468. No 5A received yet; changed status to "WO" (waiting on completion) in well update. Changed "1st Liner" to "Second String"; comes to surface.	2/11/2016 3:23:23 PM

Total: 2 comment(s)